

## OUTDOOR EXPOSURE GUIDE

For Average Fast Film Like Kodak Plus X, ANSCO Supreme, etc.

Subject	Brilliant	Bright	Cloudy-Bright	Cloudy-Dull
Beach, Water and Snow Scenes; Distant Landscapes	1/100 f/16	1/100 f/11	1/100 f/8	1/100 f/5.6
Close-ups in Beach, Water and Snow Scenes; Landscapes with Foreground	1/100 f/11	1/100 f/8	1/100 f/5.6	1/100 f/4.5
Pictures of People, Children at Play, Gardens, Houses, Street Scenes	1/100 f/8	1/100 f/5.6	1/100 f/4.5	1/50 f/4.5
All Subjects in Open Shade; Not Under Trees	1/100 f/5.6	1/100 f/4.5	1/50 f/4.5	1/25 f/4.5

For color see instructions supplied with film.  
For indoor pictures see instructions supplied with flood and flash bulbs.

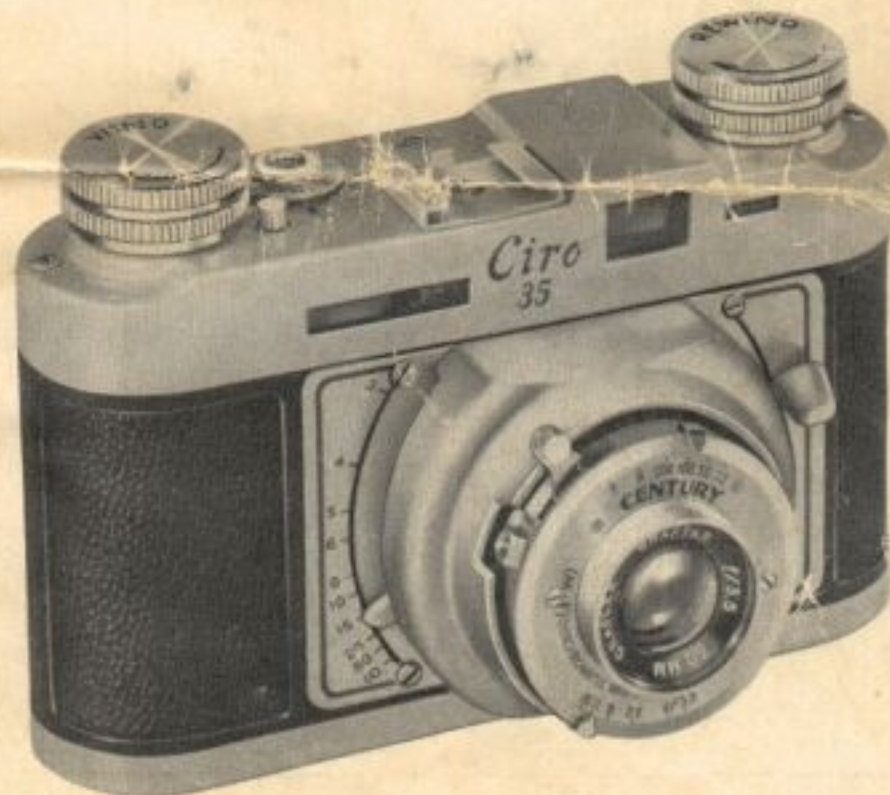
## DEPTH OF FIELD TABLE FOR 2" FOCUS LENSES (50.8 mm.) MINIATURE CAMERAS CIRCLE OF CONFUSION 1/500 INCH.

The following chart indicates the amount of subject matter which will be sharp in your picture:

Distance	F 2.8	F 3.5	F 4.0	F 5.6	F 8.0	F 11.0	F 16.0	F 22
Inf.	59.5'-Inf.	47.6'-Inf.	41.7'-Inf.	29.8'-Inf.	20.8'-Inf.	14.9'-Inf.	10.4'-Inf.	7.4'-Inf.
50'	27.2'-307"	24.4'-Inf.	22.8'-Inf.	18.7'-Inf.	14.7'-Inf.	11.5'-Inf.	8.6'-Inf.	6.5'-Inf.
25'	17.6'-42.9"	16.4'-52.2"	15.7'-61.9"	13.6'-151"	11.4'-Inf.	9.4'-Inf.	7.4'-Inf.	5.8'-Inf.
15'	12.0'-20.0"	11.4'-21.8"	11.1'-23.3"	10.0'-29.9"	8.8'-52.1"	7.5'-Inf.	6.2'-Inf.	5.0'-Inf.
10'	8.6'-12.0"	8.3'-12.6"	8.1'-13.1"	7.5'-14.9"	6.8'-18.9"	6.0'-29.5"	5.1'-179"	4.3'-Inf.
8'	7.1'-9.2"	6.9'-9.6"	6.7'-9.9"	6.3'-10.8"	5.8'-12.8"	5.2'-16.9"	4.6'-32.3"	3.9'-Inf.
6'	5.5'-6.7"	5.3'-6.8"	5.3'-7.0"	5.0'-7.5"	4.7'-8.3"	4.3'-9.9"	3.8'-13.6"	3.4'-27.8"
5'	4.6'-5.4"	4.5'-5.6"	4.5'-5.7"	4.3'-6.0"	4.1'-6.5"	3.8'-7.4"	3.4'-9.3"	3.0'-14.3"
4'	3.8'-4.3"	3.7'-4.4"	3.7'-4.4"	3.5'-4.6"	3.4'-4.9"	3.2'-5.4"	2.9'-6.3"	2.6'-8.3"
3½'	3.3'-3.7"	3.3'-3.8"	3.2'-3.8"	3.1'-3.9"	3.0'-4.2"	2.9'-4.5"	2.7'-5.1"	2.4'-6.3"

## OPERATING INSTRUCTIONS . . .

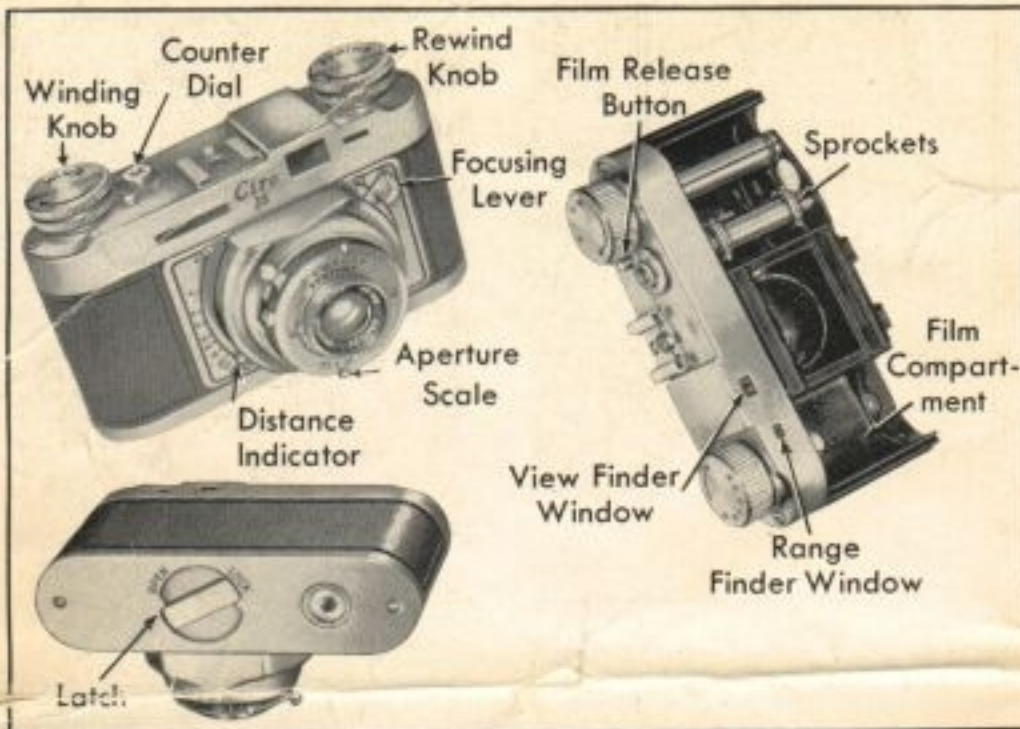
# Ciro 35



MADE BY THE MAKERS OF THE FAMOUS GRAFLEX CAMERAS



# STUDY THESE IMPORTANT STEPS — f



## 1. OPEN THE CAMERA

On the bottom of the camera you will find a latch marked "Open" and "Lock." Turn the latch counter-clockwise to "Open" position.



## 2. REMOVE CAMERA BACK

Hold camera as shown above. With the thumbs exert slight pressure against back of camera, at the same time slide back down until top edge is clear. Lift back from camera.



## 7. ADVANCE FILM

To bring film into position for the first picture: 1. Turn "Wind" knob until it stops. 2. Push down film release button and turn "Wind" knob until it stops again. 3. Push down release and "Wind" once more, until it stops.



## 8. SET EXPOSURE COUNTER

Set exposure counter dial by rotating it until the first notch following "0" is opposite the index mark. Thereafter as the winding knob is turned until it locks, the counter will automatically turn and show the number of the next picture.



## 9. SET LENS APERTURE

On the bottom edge of the shutter is an indicator which controls the size of the lens opening. Study the Exposure Guide at the back of this manual and set the indicator accordingly.



## 10. SET SHUTTER SPEEDS

On the top edge of the shutter there's an indicator and numbers which show the various shutter speeds ("T" stands for Time, "B" for Bulb exposure). Study the Exposure Guide on the back of this manual and set for the proper shutter speed.



# efficient operation of your CIRO 35



## 3. INSERT FILM

Insert film cassette in the film compartment. Make sure fork on the rewind knob shaft engages cross member in spool. When film is drawn out the film perforations should engage sprockets.



## 4. THREAD FILM

Thread the end of the film straight across the sprocket teeth into slot in the take-up spool. Push sufficient film through so that it will lock securely in position when the spool is turned.



## 5. START FILM

Push down film release button and turn "Wind" knob until both sprockets engage the film as shown. If necessary, push button down the second time, and turn until film is secure on take-up spool.



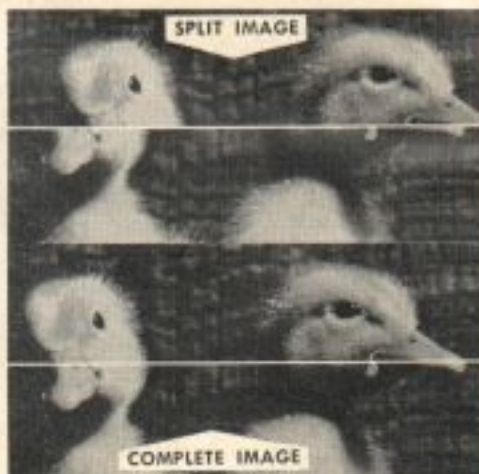
## 6. REPLACE CAMERA BACK

Place camera back in position as shown. Make sure edges are in the runways and that the spring on inside of back clears the film. Hold camera as shown above—exert slight pressure with thumbs, slide back into top and lock.



## 11. FOCUS THE CAMERA

Holding the camera about 2 or 3 inches from the eye, sight the subject through the small window. Move the focusing lever up or down until the split-image merges.



## 12. FOCUS CAMERA—Cont'd

When the image you see through the small window is split as shown above, the lens is out of focus. Adjust the focusing lever until the two sections of the image form an unbroken line.



## 13. FOR HORIZONTAL PICTURES

Use Range Finder as in Steps 11 and 12. Hold camera horizontally as shown.



## 14. FOR VERTICAL PICTURES

Use Range Finder as in Steps 11 and 12. Hold camera vertically as shown.

Transfer your eye to the larger rear window of the viewfinder. Hold the camera steady and press down on the release lever until the shutter clicks. The Rapax Shutter must first be set by pushing the set lever at the top over to the right.





#### 15. REWIND FILM

After all exposures are made rewind the film into the original cartridge. First lift the "Wind" knob and turn slightly until it stays up. Turn the "Rewind" knob in the direction of the arrow. Film is all rewound when the counter dial stops turning.



#### 17. USE TRIPOD SOCKET

On the bottom of the camera is a threaded tripod socket. For time and bulb exposures, a tripod or other solid support is necessary to prevent blurred pictures.

Ciro 35 Cameras use only Wollensak lenses made to Graflex specifications. These lenses are of the highest quality and are coated for maximum efficiency. It is important that they be kept free from dust and dirt. Clean gently with lens tissue; avoid touching the glass with your fingers.



#### 16. REMOVE FILM

To remove the film cartridge from the camera, just reverse the loading procedure. When replacing camera back, always place it half-way up on camera to engage the edges properly.



#### 18. USE CABLE RELEASE

The cable release screws into the shutter and is recommended for use when camera is on a tripod.

## FOR FLASH LAMP PICTURES

The unique design of the Graflash PL unit, made for the Ciro 35 camera, provides a convenient means for making fine flash pictures. Use SM or SF lamps at all speeds or other (Type M) lamps at speeds of 1/25 or slower.



#### 19. ATTACH THE FLASH

The accessory clip on the top of the camera accommodates the flash gun. Slip it on or take it off in a jiffy as shown. Do not insert lamp until flash unit has been attached to camera.

#### 20. TAKE FLASH PICTURES

Good flash pictures are easy. With the loaded gun in position on camera, snap just as you would for regular pictures. Follow the flash lamp manufacturer's instructions for selecting the correct shutter speed and diaphragm opening.

## Owner's Guarantee

"We warrant each new Ciro Camera to be free from defects in factory workmanship or material under normal use and service. Our obligation under this warranty is limited to repairing or exchanging any defective part or parts, if the Ciro Camera is returned to us, either directly or through our dealers, transportation to and from the factory to be assumed by the purchaser, within one year from the date the Ciro Camera is sold to the original purchaser.

"This warranty does not apply if, in our judgment, this Ciro Camera has been misused, abused, or used otherwise than in accordance with the instructions supplied with each unit, or if the camera is repaired by an unqualified person.

"This warranty is in lieu of all other warranties expressed or implied, and no representative or person is authorized to assume for us any liability in connection with the sale or use of this Ciro Camera."

**GRAFLEX, INC.**

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